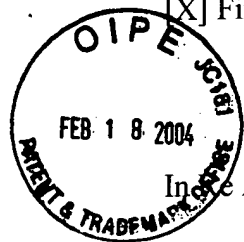


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Application of: LEARNED, Rachel E.

Group Art Unit: 2142

Serial No. 10/626,146

Examiner:

Filed: 07/24/2003

Atty. Dkt. No: D4605-US

For: HYBRID TURBO-MUD FOR MULTIPLE ACCESS SYSTEMS

To: Box IDS
US Patent and Trademark Office
PO Box 2327
Arlington, VA 22202-0327

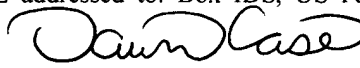
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Date:

2/12/04


[X] Dawn M. Case

Dear Honorable Commissioner:

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Transmitted herewith is the Applicant's Information Disclosure Statement, 2 sheets form 1449, and 14 specimens of prior art and other information. Please enter in the above applications and communicate in all related matters with the undersigned. Pursuant to 37 CFR 1.98 (a)(2)(i) applicant has not transmitted herewith copies of cited U.S. Patents and U.S. patent application publications as the above application was filed after June 30, 2003.

DEPOSIT ACCOUNT **190130** AUTHORIZATION – All necessary fees are intended to be included, however the Office is hereby authorized to charge any deficiency or credit any overpayment in the fees to the above deposit account, owned by BAE SYSTEMS Information and Electronic Systems Integration Inc. an authorized signator for which is Kevin M. Perkins, V.P. & Company Counsel, and for whom the undersigned are authorized agents.

Respectfully submitted,



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Neil F. Maloney, Reg. No. 42,833
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

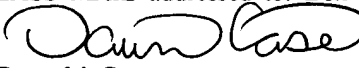
In Re Application of: LEARNED, Rachel E. Group Art Unit: 2142
Serial No. 10/626,146 Examiner:
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Date: 2/12/04


M Dawn M. Case

Dear Commissioner:

INFORMATION DISCLOSURE STATEMENT

Applicants submit this statement and the attached 2 sheet(s) of form PTO-1449 and 14 references and other information in accordance to the duty of disclosure under 37 C.F.R. §§1.56, 1.97, and 1.98, and requests consideration hereof. Pursuant to 37 CFR 1.98 (a)(2)(i) applicant has not transmitted herewith copies of cited U.S. Patents and U.S. patent application publications as the above application was filed after June 30, 2003.

Compliance with 37 C.F.R. §1.97: This Information Disclosure Statement is filed within three (3) months of the filing date of a National Application or before the mailing date of a first office action on the merits. No fee or certification is required.

Information Cited: The Applicants hereby make of record in the above-identified application, the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the reference. As all the references listed on attached Form PTO-1449 are in English, no commentary is required.

Remarks: A copy of each reference, together with a listing on Form PTO-1449(modified), is submitted herewith. Applicants respectfully request that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 (modified) be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application; and

3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

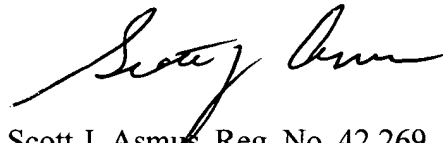
By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined in 37 C.F.R. §102.

Notwithstanding any statement by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,



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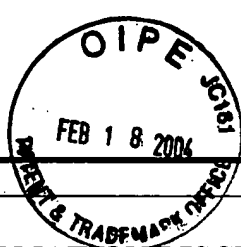
Form PTO-1449				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/626,146
				Filing Date	July 24, 2003
				First Named Inventor	LEARNED, Rachel E.
				Group Art Unit	2142
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	D4605-US

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code	Kind			
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		6,182,261	B1	Haller et al.	01-30-2001	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	(Including Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc...), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	T
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Examiner Signature		Date Considered	
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Form PTO-1449				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/626,146
				Filing Date	July 24, 2003
				First Named Inventor	LEARNED, Rachel E.
				Group Art Unit	2142
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	D4605-US

U.S. PATENT DOCUMENTS						
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	(Including Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc...), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	T
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		LUPAS, Ruxandra et al, Near-Far Resistance of Multiuser Detectors for Asynchronous Channels, IEEE Transactions on Information Theory, Vol. 38, No. 4, April 1990, pg 496-508	

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